**Sushil Wagh**

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**Seek to work in an environment that will challenge me further; while allowing me to contribute to the continued growth and success of the organization. Obtain a position as Engineer that will provide me the ability to apply my research and analytical skills; and provides me with the opportunity to exceed assigned goals.**

**Professional Synopsis**



* Complete Experience of 3+ Years in IT industry as Software Developer
* Working as Software Engineer with **TSL Consulting Pvt. Ltd., Pune from June 2013**
* Completed **B.E.(Computer Science & Engineering)** from Jawaharlal Nehru Engineering College (Babasaheb Ambedkar Marathwada University (BAMU), Aurangabad.
* Area of interest is **Big data, Hadoop,** **Object Oriented Programming, Java** **Development, Web Application Development**
* Endowed with a passion for winning as evinced through demonstrated excellence in the academic & extracurricular areas.
* Abilities in handling multiple priorities with a bias for action and a genuine interest in personal and professional development.
* Keen learner with constant zest to learn about various upcoming technologies.

**Technical Forte**



* **Programming** : C, C++, Core Java, MapReduce, Adv. Java
* **Hadoop Tools** : Hive, Pig, Sqoop, HBase, Oozie, Flume, YARN
* **Database Used** : MySQL, Oracle, Microsoft Access
* **IDE** : Eclipse, Net Beans
* **Web Technologies** : HTML, HTML5
* **Scripting Language** : Java Script, jQuery, Ajax
* **Operating Systems** : Linux, Windows 2000/XP/Vista, Windows 7, Windows Server 2005/08

**Qualification**



* **2012**: **B.E.(Computer Science & Engineering)** from Jawaharlal Nehru Engineering College (**Babasaheb Ambedkar Marathwada University (BAMU), Aurangabad** with **62.73%**.
* **2007**: **12th** from Yeshwant College, Nanded **(Latur Board**) with **50.33%**
* **2005**: **10th** from Rajarshi Shahu Vidhyalay , Nanded (**Latur Board**) with **75.57**%

**Technical Skills**



* Efficient in Hadoop and Big data Development
* Java programming, Javascript, AJAX, jQuery
* Expertise in **MapReduce Application Development.**
* Quick problem solving and debugging skills.
* Willing to take responsibilities and bound to time lines.

**Big data Project Development**



**First National Bank System:-**

First National Bank is one of the biggest banks in African continent. It provides commercial and retail banking services throughout the Africa and Middle East continent. The bank wanted to help its customers to avail different products of the bank through analyzing their expenditure behavior. The customers spending ranges from online shopping, Medical expenses in hospitals, Cash Transactions, Debit card usage etc. The behavior allows the bank to create an analytical report and based on which the bank used to display the product offers on the customer portal which was built using Java. The portal allows the customers to login and see their transactions which they make on a day-to-day basis. This analytics also help the customers plan their budgets through the budget watch and My Financial forecast applications embedded into the portal. The portal helped plan the savings and daily pigmy amount for the cutomers based on their earnings and needs.

The portal used Hadoop Framework to analyze the data as per the rules and regulations placed by the regulators from the respective countries. The offers and the interest rates also complied with the regulations and all these processing was done using the Hadoop Framework as BigData analytics system.

* Understanding the business functionality & Analysis of business requirements.
* Implementing the business logic to analyze the data
* Sourcing various attributes to the data processing logic to retrieve the correct results
* Importing data to HDFS from remote servers which included flat files and relational databases
* Loading files to HDFS and writing Hive queries to process required data.
* Loading data to Hive tables and writing queries to process.
* Loaded data from DWH systems to Hive by using Sqoop.
* Involved in Hadoop Framework design
* Involved in maintenance tasks

**Tools Used**: MapReduce, Hive, Scoop, Flume, Unix



**Marketing Automation Intelligence System:-**

The purpose of this project is to store terabytes of information from the web application and extract meaningful information out of it. The solution was based on the open source BigData s/w Hadoop .The data will be stored in Hadoop file system and processed using Map/Reduce jobs. Which in turn includes getting the raw html data from the micro websites ,Process the html to obtain product and user information ,Extract various reports out of the visitor tracking information and Export the information for further processing.

* Move all crawl data flat files generated from various Micro Sites to HDFS for further processing
* Write MapReduce Scripts to process the data files
* Create Hive tables to store the processed data in tabular formats
* Sqoop implementation for interaction with database
* Reports creation from Hive Data
* Involved in requirement analysis Phase

**Tools Used:** Java, MapReduce, Hive, SQOOP, HBase



**Company Sales Analysis:-**

Company's lead generation behavior was to be studied and depending on that, The associates were given rewards. All the lead generation and list data was present in XML log file that was created daily as a new file. The list of associates for which rewards had to be applied was stored in RDBMS. Based on business rules, if the company's per month leads exceeded pre-defined thresholds the respective associate was chosen to be given rewards.

* Wrote Map Reduce application that 'treated' the XML file as an initial phase.
* Using SQOOP, data for the associates was "imported" into HDFS.
* Hive was the warehouse where the information from file was transformed and loaded.
* Pig was used to write scripts and apply the business logic and the results were stored in a flat file.
* The flat file was stored into an RDBMS.

**Tools Used:** MapReduce, Hive, Sqoop, Pig, MySQL



**ERP Analytics Application:-**

The project aimed at creating a single enterprise analytics application having each and every function within the organization interconnected with each other and ensures the optimal productivity of every department. This application linked departments like sales, finance, HR, Operations, Admin and IT. Every single operation was recorded on the system and hence enabled the respective department's top executives to ensure more productivity. Every department business intelligence reports were generated and made available to management to help them in decision making.

* Analyze the Data generated out of project
* Using Spark and scala to generate dashboard reports
* Develop a plan to build the MapReduce Application
* Database loading and dividing it into Partitions and buckets in Hive
* Hbase Parts Development

**Tools used:** MapReduce, Hive, Sqoop, Pig, MySQL



**Expatriate Management System:-**

An System which tracks all the details related with the expatriate moving on assignments in various host countries. Information related to the facilities being provided by the home and Host Company, work permits, Passport information, Accompanying spouse, children and adults information. Tracks progress of the project, assignments, tasks, generate notifications and gives an extensive business intelligence. This application made it easy to help expatriates as well as their host companies to track progress and facilitate the communication on work and various other modules.

* Integrate BigData with Broker system
* Development
* Enhancements to dashboard functionalities
* Hive and Hbase Structuring and data loading
* Dashboards and reports creation

**Tools used:** MapReduce, Hive, Sqoop, MySQL

**Java Application Development**



**Excelgrade System (OACS):-**

Excelgrade is an online assessment centre solution which allows teachers to design standard-based assessments, administer tests on tablet PCs and laptops, automatically grade and track student performance, conducts rigorous data analysis, and creates individualized progress reports for students, parents, and administrators. The platform revolutionizes the instructional process by enhancing students’ achievement while saving teachers’ time and conforming to increasingly-stringent government standards.

* Analysis
* Requirement Gathering
* MySQL Database structuring and optimization
* Client Handling
* Programming

**Tools used:** JSP, Servlets, JDBC, MySQL

**Exposure and Experience**



* Analysis and Design – (tech specs generation, GAD generation)
* Development Tasks –(Coding & Testing),
* Production Support – (Resolving and fixing incidents / handling requests)
* Project documentation - (Technical Specs)

**Extracurricular Activities**



* Hobbies includes Singing, Watching Movies, Cricket

**Personal Dossier**



**Full Name** : Sushil Wagh

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**Email Address**  : waghsushil05@gmail.com

**Languages Known** : English, Marathi, Hindi

**Date Of Birth** : 08-04-1989

**Address** : New Kopre Gaothan,B-Wing, Flat No 903A, Near Suzuki Showroom, Karve nagar, Pune-411052.

**Declaration:**



I hereby declare that data furnished above is true to best of my knowledge.

Place: Sushil Wagh

Date: